

## POHV – Parry Oatgrass Herbaceous Vegetation (Map Unit 27)



Photo credit: Jim Von Loh



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The Parry Oatgrass Herbaceous Vegetation (POHV, Map Unit 27) represents the *Danthonia parryi* (Parry Oatgrass) Herbaceous Vegetation Association.

This native bunchgrass forms nearly pure stands on moist soils of the middle and higher elevations (8400–8600 feet). It occurs predominantly on north- and northwest-facing exposures on slopes, in narrow mesic drainages, and on hilltops where mesic conditions occur. Stands occupy bands 10-25 m wide at the base of the *Picea pungens* / *Juniperus communis* (Colorado Blue Spruce / Common Juniper) Forest Association, the *Pseudotsuga menziesii* / *Juniperus communis* (Douglas-fir / Common Juniper) Forest Association, the *Populus tremuloides* (Quaking Aspen) Forest Alliance, and the *Populus tremuloides* / *Juniperus communis* (Quaking Aspen / Common Juniper) Forest Association. These sites receive additional moisture due to accumulation of snowfall and are shaded for at least a portion of the day by the tall trees, often in excess of 30 m in height.

## POHV – Parry Oatgrass Herbaceous Vegetation (Map Unit 27 Continued)

### Photo Signatures

In the natural color aerial photography, POHV appears as greenish-tan, and in color-infrared aerial photography it appears as light reddish-gray. In both types of photography it has a smooth texture. It is a relatively short grassland type, less than 0.5 m in height, and the foliar cover ranges from 60-90%. The signature resembles Smooth Brome Semi-natural Herbaceous Vegetation (Map Unit 25) and the more mesic stands of the Arizona Fescue – Mountain Muhly Herbaceous Vegetation (Map Unit 28). Photo POHV-1 (natural color) was taken in September 1996. POHV-2 (color infrared) was taken in August 1983. Both photos are of the same location.

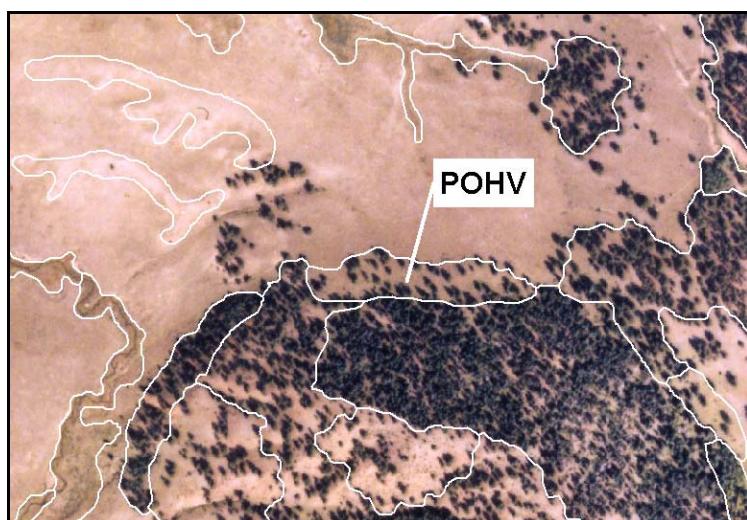
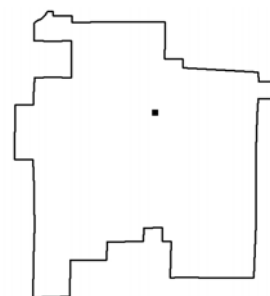


Photo POHV-1



Location of **POHV-1** within  
National Monument

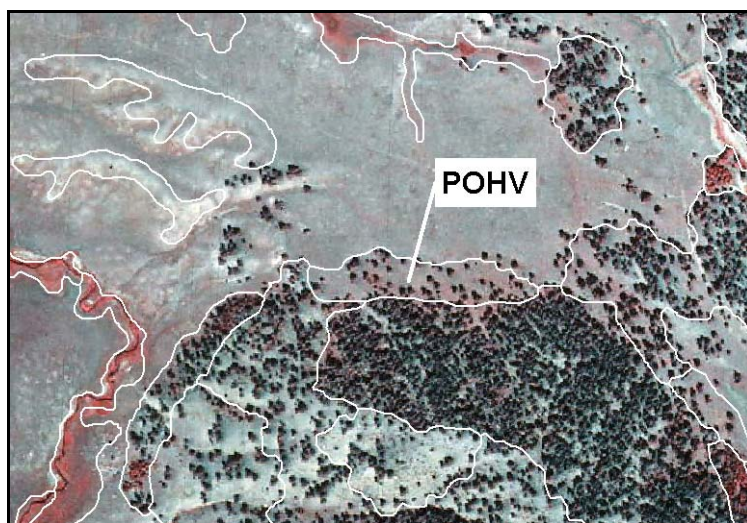
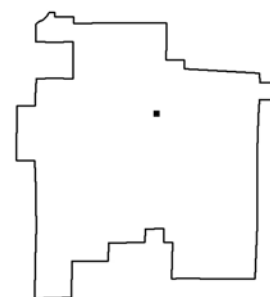


Photo POHV-2



Location of **POHV-2** within  
National Monument

## POHV – Parry Oatgrass Herbaceous Vegetation (Map Unit 27 Continued)

### **Area Report for POHV Map Unit**

Number of Polygons: 26

Number of Hectares: 32.2

Number of Acres: 79.5

Average Size: 1.2 hectares, 3.1 acres

### **Accuracy Assessment Results for POHV Map Unit**

The Parry Oatgrass Herbaceous Vegetation Map Unit was assessed at 83% for producers' accuracy (confidence interval 66-100%) and at 68% users' accuracy (confidence interval 50-87%).